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Advanced Keyword Query for: dipeptidyl peptidase IV

1 2 3 4 5 6 7

☒ 2ecf



Crystal Structure of Dipeptidyl Aminopeptidase IV from *Stenotrophomonas maltophilia*

Release Date: 26-Feb-2008 Exp. Method:

Resolution: 2.80 Å

Characteristics

Classification

Hydrolase

Compound

Polymer: 1 Molecule: Dipeptidyl peptida

Chains: A EC no.: 3.4.14.5

Authors

Nakajima, Y., Ito, K., Yoshimoto, T

☒ 2aj8



Porcine dipeptidyl peptidase IV (CD26) in complex with 7-Benzyl-1,3-dimethyl-8-piperazin-1-yl-3,7-dihydro-purine-2,6-dione (BDPX)

Release Date: 28-Feb-2006 Exp. Method:

Resolution: 2.11 Å

Characteristics

Classification

Hydrolase

Compound

Polymer: 1 Molecule: Dipeptidyl peptida

Fragment: Extracellular domain Chains

no.: 3.4.14.5

Polymer: 3 Molecule: SUGAR (2-MER)

Polymer: 4 Molecule: SUGAR (3-MER)

Engel, M., Hoffmann, T., Manhart, U., Chambre, S., Huber, R., Demut H.U., Bode, W.

Authors

☒ 2ajb



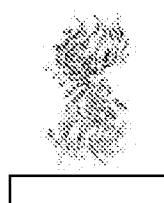
Porcine dipeptidyl peptidase IV (CD26) in complex with the tripeptide tert-butyl-Gly-L-Pro-L-Ile (tBu-GPI)

Release Date: 28-Feb-2006 Exp. Method:

Resolution: 2.75 Å

Characteristics

Refine this query by selecting the link "Refine this Search" in the menu above.



Classification Hydrolase

Polymer: 1 Molecule: Dipeptidyl peptidase IV
Fragment: Extracellular domain Chains

Compound

no.: 3.4.14.5

Polymer: 2 Molecule: TERT-BUTYL-GL (tBu-GPI) Chains: I,J,K,L

Polymer: 4 Molecule: SUGAR (2-MER)

Polymer: 5 Molecule: SUGAR (3-MER)

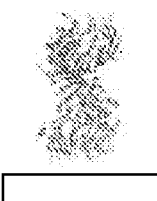
Authors

Engel, M., Hoffmann, T., Manhart, U., Chambre, S., Huber, R., Demut H.U., Bode, W.

☒ 2ajc



Porcine dipeptidyl peptidase IV (CD26) in complex with 4-(2-Aminoethyl)-benzene sulphonyl fluoride (AEBSF)



Characteristics

Release Date: 28-Feb-2006 Exp. Method:

Resolution: 1.95 Å

Classification

Hydrolase

Compound

Polymer: 1 Molecule: Dipeptidyl peptidase IV
Fragment: Extracellular domain Chains

no.: 3.4.14.5

Polymer: 3 Molecule: SUGAR (2-MER)

Polymer: 4 Molecule: SUGAR (3-MER)

Authors

Engel, M., Hoffmann, T., Manhart, U., Chambre, S., Huber, R., Demut H.U., Bode, W.

☒ 2ajd



Porcine dipeptidyl peptidase IV (CD26) in complex with L-Pro-boro L-Pro (boroPro)



Characteristics

Release Date: 28-Feb-2006 Exp. Method:

Resolution: 2.56 Å

Classification

Hydrolase

Compound

Polymer: 1 Molecule: Dipeptidyl peptidase IV
Fragment: Extracellular domain Chains

no.: 3.4.14.5

Polymer: 3 Molecule: SUGAR (2-MER)

Polymer: 4 Molecule: SUGAR (3-MER)

Authors

Engel, M., Hoffmann, T., Manhart, U., Chambre, S., Huber, R., Demut H.U., Bode, W.

☒ 2d5l



Crystal Structure of Prolyl Tripeptidyl Aminopeptidase from Porphyromonas gingivalis



Characteristics

Release Date: 19-Sep-2006 Exp. Method:

Resolution: 2.10 Å

Classification

Hydrolase


Compound


Polymer: 1 Molecule: dipeptidyl aminopeptidase
Fragment: residues 39-732 Chains

no.: 3.4.14.-



Nakajima, Y., Ito, K., Xu, Y., Yama

Authors N., Onohara, Y., Yoshimoto, T.


☒ 1r9n  Crystal Structure of human dipeptidyl peptidase IV in complex with a decapeptide (tNPY) at 2.3 Ang. Resolution


 **Characteristics** Release Date: 29-Mar-2005 Exp. Method: Resolution: 2.30 Å

Classification Hydrolase



 **Compound** Polymer: 1 Molecule: Dipeptidyl peptida
Chains: A,B,C,D EC no.: 3.4.14.5 
Polymer: 2 Molecule: Neuropeptide Y
Chains: E,F,G,H
Polymer: 4 Molecule: SUGAR (2-MER)

Authors Aertgeerts, K., Ye, S., Tennant, M., B., Rogers, J., Sang, B.-C., Skene, D.R., Prasad, G.S.


☒ 1orw  Crystal Structure of Porcine Dipeptidyl Peptidase IV (CD26) in Complex with a Peptidomimetic Inhibitor


 **Characteristics** Release Date: 06-May-2003 Exp. Method: Resolution: 2.84 Å

Classification Hydrolase

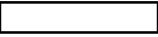

 **Compound** Polymer: 1 Molecule: dipeptidyl peptida
Fragment: EXTRACELLULAR DOMAIN
Chains: A,B,C,D EC no.: 3.4.14.5 
Polymer: 3 Molecule: SUGAR (2-MER)
Polymer: 4 Molecule: SUGAR (3-MER)

Authors Engel, M., Hoffmann, T., Wagner, L M., Heiser, U., Klefersauer, R., Huf W., Demuth, H.U., Brandsteitter, H.

☒ 2bgr  CRYSTAL STRUCTURE OF HIV-1 TAT DERIVED NONAPEPTIDES TAT(1-9) BOUND TO THE ACTIVE SITE OF DIPEPTIDYL PEPTIDASE IV (CD26)

 **Characteristics** Release Date: 27-Jan-2005 Exp. Method: Resolution: 2.00 Å

Classification Hydrolase/ complex

 **Compound** Polymer: 1 Molecule: DIPEPTIDYL PEF
Fragment: EXTRACELLULAR DOMAIN
29-766 Chains: A,B EC no.: 3.4.14.5 
Polymer: 2 Molecule: HIV-1 TAT PROT
N-TERMINAL NONAPEPTIDE Chains
Polymer: 3 Molecule: SUGAR (3-MER)
Polymer: 5 Molecule: SUGAR (2-MER)
Polymer: 6 Molecule: SUGAR (3-MER)
Polymer: 7 Molecule: SUGAR (2-MER)

Authors Weihofen, W.A., Liu, J., Reutter, W W., Fan, H.

☒ 2dcm

The Crystal Structure of S603A
Mutated Prolyl Tripeptidyl
Aminopeptidase Complexed with
Substrate

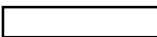
**Characteristics**

Release Date: 19-Sep-2006 Exp. Method:

Resolution: 2.90 Å

Classification

Hydrolase

**Compound**Polymer: **1** Molecule: dipeptidyl aminop
putative Fragment: residues 39-732

Mutation: S603A Chains: A EC no.: 3.4

AuthorsNakajima, Y., Ito, K., Xu, Y., Yama
N., Onohara, Y., Yoshimoto, T.

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